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GRAHAM & ROSS

SEED and FEED CO.
GREAT FALLS, MONTANA



POULTRY SUPPLIES

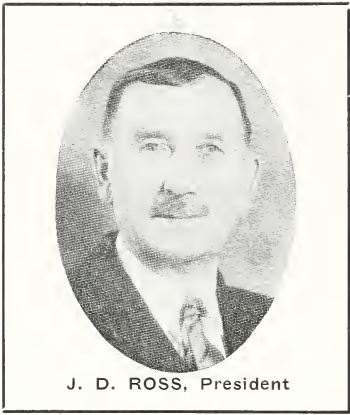


GARDEN *and* FIELD SEEDS



**SPRING
1932
(SECTION 2)**

APR 2 1932



J. D. ROSS, President

The Friendly Store

When you enter our store, you are coming into a friendly store—not the old fashioned kind of a “gossip center” that the old village store was with cracker barrels and big heating stove, but a modern mercantile establishment that tries to understand your wants and to serve you so that your needs are fully taken care of. We know the majority of our customers by their first name and feel that they are personal friends of ours. True, we want their business, but we want their faith, confidence and friendship first. Our increasing business and the constant number of new faces that keep coming in convince us that our policy is right.

Our MAIL ORDER FRIENDS receive the same friendly courteous treatment as though they came in personally. We try to put ourselves in the mail order customer's place and govern ourselves accordingly. 673 orders from new customers and a big increase in the total orders from old customers

makes us feel that we are following the right road to success. MAKE OUR FRIENDLY STORE YOUR HEADQUARTERS.

A NEW CHANGE IN POLICY

In previous years we have issued one complete catalog, but this year are issuing two distinct catalogs. Section one listing Garden and Flower Seeds, Lawn Grasses, Fertilizers, Flower Plants, Pets and Pet Supplies, also Nursery Stock. Section two listing Baby Chicks, Poultry Feeds and Supplies, Garden and Field Seeds. If you secure but one catalog and desire a copy of the other, we shall gladly mail you one free upon receiving a request for same.

Very truly yours,

GRAHAM & ROSS MERCANTILE CO.

HOW TO ORDER

Write your name and address plainly and state whether you wish your merchandise to come by mail, express or freight.

KEEP A COPY OF YOUR ORDER and check goods when received. We use the greatest care in filling orders, but in spite of all, mistakes will occur. If so, kindly notify us immediately and the same will be promptly rectified.

INSURANCE: We are not responsible for goods after being delivered to the post office or general carrier. If you want your order insured, add the following rates to your remittance:

Up to \$5.00.....5c From \$25.00 to \$50.00..10c
From \$5.00 to \$25.00....8c From \$50.00 to \$100.00.25c

C. O. D. Merchandise can be sent C. O. D. but it costs extra for these shipments as a fee of 12c is charged by the Express Company or Post Office.

PARCEL POST RATES

	First Pound or Fraction	Each Additional Pound or Fraction
FIRST ZONE—Within 50 miles of Great Falls	7c	1c
SECOND ZONE—Within 50 to 150 miles of Great Falls.....	7c	1c
THIRD ZONE—Within 150 to 300 miles of Great Falls.....	8c	2c
FOURTH ZONE—Within 300 to 600 miles of Great Falls.....	8c	4c
FIFTH ZONE—Within 600 to 1,000 miles of Great Falls.....	9c	6c

WEIGHT LIMIT—Packages are subject to a maximum weight of 70 lbs.

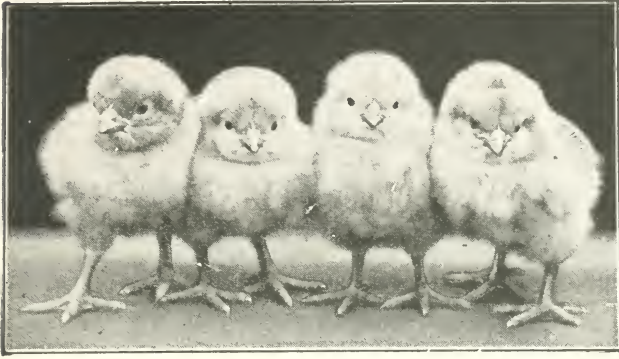
OUR GUARANTEE TO YOU

We guarantee every article in this catalog to be **EXACTLY** as pictured and described, and we will refund the purchase price if found otherwise. We guarantee all seeds to be true to name and description and to carry the official state germination and purity test.

Success in gardening and farming depends largely upon soil, cultivation and climatic conditions over which we have no control.

THE GRAHAM & ROSS MERCANTILE COMPANY gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop.

If goods are not accepted on the above terms, notify us at once, and we will give instructions for disposition of goods.



QUALITY BABY CHICKS

from

SCOTT CHICK HATCHERY

INCORPORATED

524 First Avenue South
GREAT FALLS, MONTANA

It has been the policy of the Scott Chick Hatchery and of J. R. Scott personally, for 30 years to supply customers with the best there is in chicks at the least possible cost. Hundreds of customers voluntarily testify this policy has been carried out. Many years have been spent in building breeding flocks of the highest productive and standard quality.

WHY should you order cheap chicks simply to save a few cents at the time of buying? Two or three cents added to the cost of a productive bred—profit producing pullet is a saving when compared with a low priced, non-producing, ill bred bird. Just one or two more eggs in a single year will pay the difference. Place your order now—let us reserve your favorite date.



J. R. SCOTT

Who has devoted more
than 30 years to practical
poultry breeding.

1932 PRICE LIST

Breed	25	50	100	300	500	1,000
S. C. White Leghorns	\$3.75	\$7.00	\$13.50	\$39.00	\$62.50	\$120.00
*S. C. Brown Leghorns	3.75	7.00	13.50	39.00	62.50	120.00
*S. C. Anconas	3.75	7.00	13.50	39.00	62.50	120.00
*S. C. Black Minorcas	4.00	7.50	14.50	42.00	67.50	130.00
*S. C. White Minorcas	4.00	7.50	14.50	42.00	67.50	130.00
S. C. R. I. Reds	4.00	7.50	14.50	42.00	67.50	130.00
R. C. R. I. Reds	4.00	7.50	14.50	42.00	67.50	130.00
White Rocks	4.00	7.50	14.50	42.00	67.50	130.00
Barred Rocks	4.00	7.50	14.50	42.00	67.50	130.00
Buff Orpingtons	4.00	7.50	14.50	42.00	67.50	130.00
White Wyandottes	4.00	7.50	14.50	42.00	67.50	130.00
Jersey Black Giants	4.75	8.50	16.00	46.50	75.00	
Mixed Heavies	3.50	6.50	12.00	36.00	60.00	120.00

***Note** Chicks from these breeds should be ordered three weeks in advance as eggs are not set regularly.

This price list is subject to change without notice. If prices are lowered before your order is filled, we will give you the benefit of the reduction by including extra chicks.

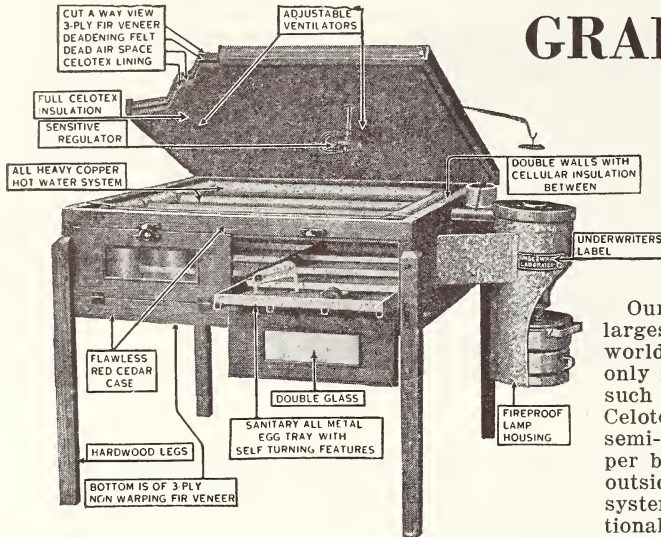
TERMS

\$2.00 per hundred at time order is placed. Balance 10 days before shipment or we send C. O. D. You **SAVE** if you send cash along with order. 100% Live Delivery Guaranteed.

GRAHAM & ROSS

1932

Incubators



Our machine is manufactured by the largest incubator manufacturer in the world and contains many improvements only found in the most expensive models such as automatic egg turning trays, Celotex Insulation, bottom hinged doors, semi-automatic Ventilation and pure copper boilers. All boilers are oversize with outside baffles and the entire heating system has been approved by the National Board of Underwriters.

Size	Weight	Price
150 eggs	108 lbs.	\$24.50
300 eggs	141 lbs.	28.75
450 eggs	162 lbs.	46.00
600 eggs	224 lbs.	54.25
900 eggs	324 lbs.	82.00
1200 eggs	450 lbs.	108.00

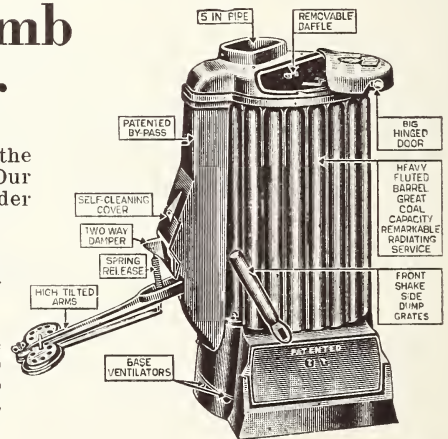
The first three sizes are carried in stock at Great Falls, and the last three sizes are shipped direct from our Eastern factory.

1932 Improved Makomb Giant Coal Brooder

Patented features and proper construction enables the "Makomb Giant" to burn soft coal as well as hard. Our 1932 stove carries the largest coal capacity of any brooder stove its size. In addition, the following features: Automatic By-Pass Control; Removable Baffle Plate; Tilting Canopy; 5-inch Stove Pipe; Large Rocker Grate, and Fluted Barrel which presents maximum heating surfaces and insures economy in fuel.

Size Canopy	Weight	Price
47 inch	105 lbs.	\$17.50
56 inch	129 lbs.	22.00
65 inch	152 lbs.	26.00

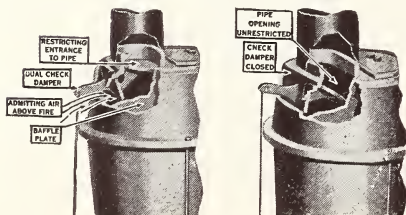
All Prices F. O. B. Great Falls.



Makomb Standard Coal Brooder

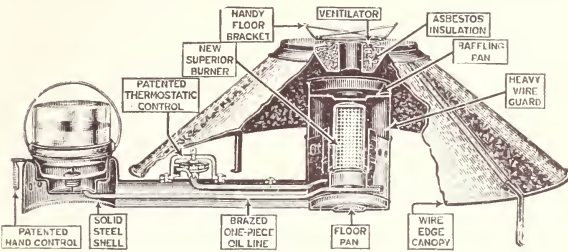
Automatic Double Damper Control

A satisfactory and automatic brooder that meets all price competition. Revolving canopy, extra large coal door, exclusive damper action, improved canopy of greater strength.



Size canopy	Weight	Price
52 inch	103 lbs.	\$19.00
62 inch	112 lbs.	22.00

1932 Automatic Ker-O-Stat Oil Burner



The Only Successful Automatic Blue Flame Brooder.

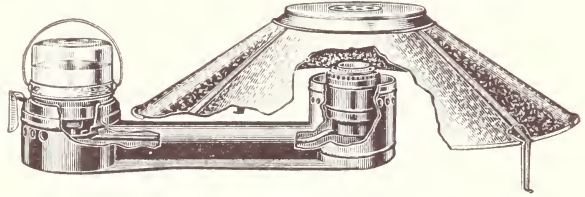
Safety Pilot Light and full Thermostatic Control make it completely automatic, with no danger of the flame going out. Drain plug and two-way feed prevent clogging. Perfect Ventilation under the new type canopy is always assured.

Size Canopy	Weight	Price
32 inch	36 lbs.	\$14.00
52 inch	51 lbs.	17.95

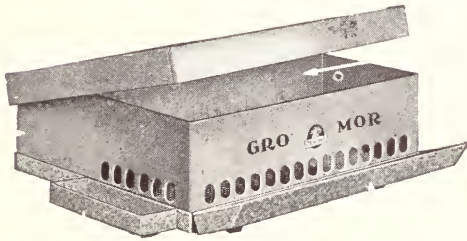
SIMPLICITY OIL BROODER

Construction: Special Blue Flame Burner needs no priming and generating. Equipped with new pilot light. Canopy made of heavy galvanized steel with outer edge stiffened. Equipped with ventilator.

Size Canopy	Weight	Price
32 inch	34 lbs.	\$ 9.45
42 inch	38 lbs.	11.95
52 inch	51 lbs.	13.90



GRO-MOR BROODER

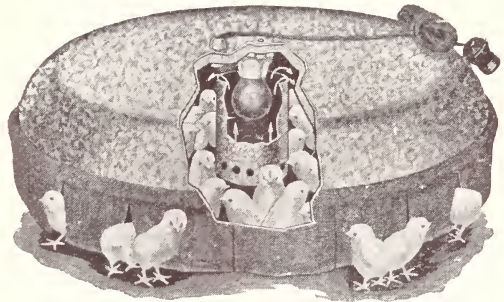


A low priced brooder equipped with feed and water pans. Size 20"x24"x7½" high giving ample head room for chicks up to four weeks of age. Equipped with ten feet of cord, porcelain socket terminal plug and circulating drum to enclose the bulb. Weight 8 lbs. Price, \$2.65. Add Postage.

Graham & Ross Junior Electric Brooder

For small flocks, our Electric Brooder is practical and economical. For general use, a 25-watt bulb provides ample heat. Canopy is insulated and curtain surrounding canopy furnished.

Chick Capacity	Weight	Price
80	8 lbs.	\$3.50
130	16 lbs.	6.00



Special Notice

Folks, if you are interested in a larger size brooder than we have listed, let us know, as we are in position to furnish you with the latest in large, automatic electric, gas and distillate burning brooders. We have obtained the state rights from the world's largest manufacturer of brooders and are in position to save you money. WRITE for free catalog on brooders.

Adjustable Roof Saddle

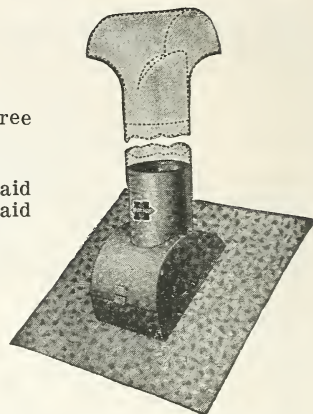
To be used with all Coal Burning Brooders.

Easily adjusted to any desired angle from flat roof to 30 degree pitch. Storm and rainproof.

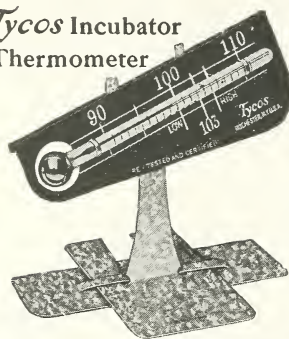
Size
4 inch
5 inch

Weight
5 lbs.
6 lbs.

Price
\$1.60 not postpaid
1.65 not postpaid



Tycos Incubator Thermometer



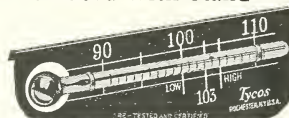
Incubator Thermometers

Diamond G Standard Thermometer—White scale with black graduations makes for easy reading. Each 89c postpaid.

Diamond G Certified Incubator Thermometer—Retested and Certified by experts which makes it doubly sure. Can be used to test other thermometers. Each \$1.23 postpaid.

Diamond G Brooder Thermometer—Designed to go through the top of the brooder so that the temperature can be read from the outside. Each 65c postpaid.

When used with Stand



When used without Stand



MAKE YOUR OWN BROODER WITH THIS PUTNAM BROODER HEATER

Price each, \$4.75, postpaid.

Postpaid prices of parts of Putnam Brooder Heater: Top, \$2.50; Tank, \$1.50; Burner, \$1.25; Wick Holder, 20c; Wicks, 40c per doz., postpaid.

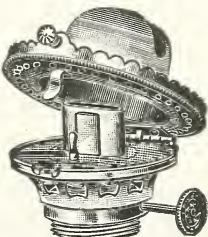
\$4.75 Post Paid
Burns 10 days without attention

Incubator and Brooder Supplies

"SUN" HINGED LAMP BURNERS

For incubators and brooders. So designed that perfect combustion is assured. Easily cleaned and trimmed.

Size	Diam. of Cone	Wick	Each Post-paid
1	2 1/2 in.	5/8 in.	\$0.40
2A	2 7/8 in.	7/8 in.	.50
2B	3 1/2 in.	7/8 in.	.55
3	3 3/2 in.	1 1/2 in.	.75



RED FELT LAMP WICKS

High grade felt wicks. A big improvement over loose woven cotton wicks. No loose threads to burn uneven and smoke.



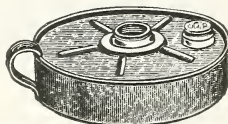
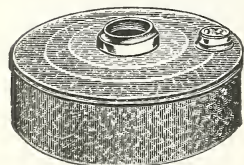
	Width	For Burner	Each	Per Dozen
No. 1	5/8	1	\$0.03	\$0.25
No. 2	7/8	2	.05	.45
No. 3	1 1/2	3	.06	.55

Postpaid prices

DOUBLE WICK SUN HINGE BURNERS

No. 214—Sun Hinge Burner with two wick tubes. Gives double the heat of a single wick burner. Perfect combustion, and easily cleaned and trimmed. Made of heavy brass throughout. Size 3. Diameter of thread 1 1/4 in. Diameter of cone 3 1/2 in. Size of wicks 1 1/2 in. Each, 75c, postpaid.

LAMP BOWLS



Heavy galvanized iron bowls. No give or spring to tops. A common fault with ordinary bowls.

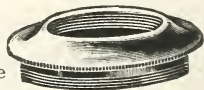
No. 100—Size 1 burner, 1 1/2 x 6 in., each.....	\$0.55
No. 101—Size 2 burner, 2 1/4 x 6 3/4 in., each.....	.65
No. 102—Size 3 burner, 2 3/4 x 8 in., each.....	.80

Postpaid prices

Expanding Screws

Made of brass to increase size of burner on oil found.

	Increase Bowl From Size	Postpaid Price
No. 206	1 to 2	\$0.10
No. 207	2 to 3	.15



LAMPS COMPLETE

No. 1—With 5/8 wick.....	\$1.20
No. 2—With 7/8 wick.....	1.50
No. 3—With 1 1/2 wick.....	1.85

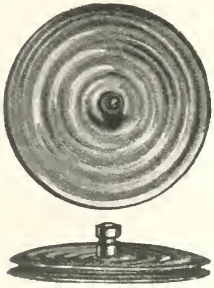
Postpaid prices.



PIPE DAMPERS

To be used in the stove pipe of coal burning brooders where a large amount of pipe is necessary, thereby reducing the draft.

Size	Weight	Price
5-in.	1 lb.	20c



WAFER THERMOSTATS

For Brooders and Incubators, brass throughout, fully tested.

No.	Size	Postpaid Price
297	3 in.	\$0.40
298	4 in.	.65
299	5 in.	.85

NOTE—When ordering state whether for brooder or incubator.

ZENITH LAMP BURNER

A "No Chimney" burner for incubators, brooders, fountain heaters, etc. Perfect combustion without chimney.

No. 1— $\frac{5}{8}$ inch wick, each, 50c, postpaid.

No. 2— $\frac{7}{8}$ inch wick, each, 65c, postpaid.

SMOKE PIPE FOR BROODER STOVES

Black sheet iron, made in 2 foot lengths.

Size	Length	Weight	Price
4 in.	2 ft.	2 lb.	\$0.25
5 in.	2 ft.	3 lb.	.25



CORRUGATED ELBOWS

No. 115—Black, 4 in., each.....\$0.25
No. 115A—Black, 5 in., each..... .25

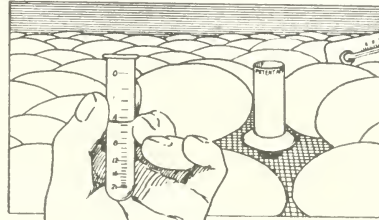
INCUBATOR HYGROMETER

This is not a regulator of moisture in the incubator but is an indicator of conditions, so that if not correct they may be made so. Each, \$1.75, postpaid.

METAL CHIMNEYS

For incubators and brooders. Made of sheet of steel, with round mica window.

No.	Height	Will fit Burner No.	Price
No. 103	6 in.	2	\$0.25
No. 104	6 in.	3	.30



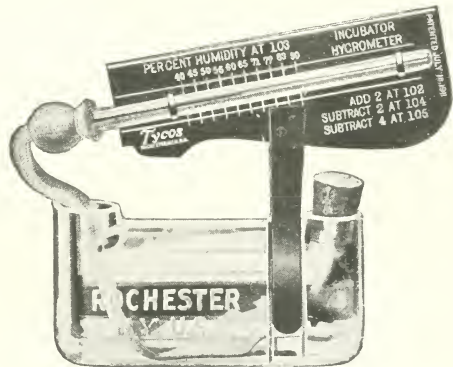
MEASURE
THE EVAPORATION
IN YOUR INCUBATOR
with the
MOISTURE GUIDE.
IT "SOLVES THE MOISTURE PROBLEM"

The Patterson & Young

INCUBATOR MOISTURE GUIDE

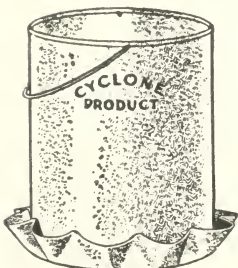
Solves the Moisture Problem

Each, \$1.00, postpaid



Baby Chick Supplies

DIAMOND G TWO-PIECE CHICK WATERER



Bottom fits tightly to cylinder, preventing slopping when inverting. Ideal for watering all sizes of baby chicks.

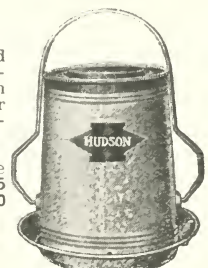
Size	Weight	Price
1 gal.	3 lbs.	\$0.60
2 gal.	4 lbs.	.75

HANDY FILL CHICK FOUNTAIN

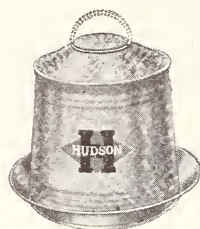
Made of heavy galvanized iron in two pieces, so constructed that the fountain may be carried either filled or in a filling position. Especially designed for small chicks.

No.	Size	Weight	Price
C-2	2 gal.	4 lbs.	\$0.95
C-3	3 gal.	7 lbs.	1.10

Add Postage.



EASY FILL FOUNTAIN

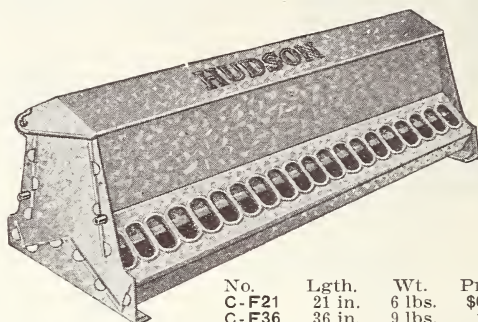


5-quart capacity. Made of heavy charcoal tin, suitable for feeding buttermilk or sour milk. Sloping cover prevents roosting.

C1T—3 lbs.—\$1.00

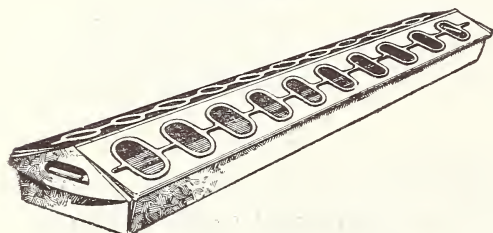
LARGE CAPACITY FEEDER

Cover hinged making it easy to fill and clean. Keeps baby chicks out of feed and prevents waste.



No.	Lgth.	Wt.	Price
C-F21	21 in.	6 lbs.	\$0.98
C-F36	36 in.	9 lbs.	1.60

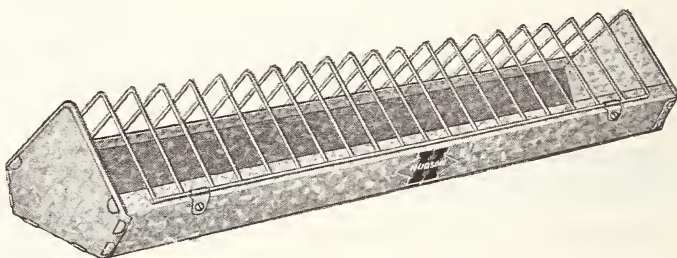
DIAMOND G DOUBLE CHICK FEEDER



The size of our new 1932 Chick Feeder has been increased to 24 inches. The top telescopes into a seamless pan with edges turned upward to prevent waste of feed. No slides to catch, no hinges to bind and break.

No.	Price	Postpaid
H2-420	\$0.25	\$0.30

DIAMOND G CHICK AND BROILER FEEDER



This new feed trough with grill wires spaced about one inch apart is designed for taking care of chicks from two weeks of age until ready for the broiler market.

No.	Length	Weight	Price
G-48	48 inch	8 lbs.	\$1.50

STOP TOE PICKING

Be sure to have a supply at chick time

Poultrymen from CALIFORNIA TO FLORIDA ARE USING

F. & E. CHICK PICK

TO STOP TOE, WING AND BODY PICKING OF CHICKS

THE GREATEST THING EVER OFFERED TO OVERCOME CANNIBALISM

THERE IS NOTHING LIKE IT

THIS BLOOD COLORED OINTMENT QUICKLY BREAKS PICKING HABIT

Effective Harmless Healing

F. & E. CHICK PICK REMEDY

Frizelle, Eales & Co. COTATI CALIF.

A COMMON SENSE TREATMENT FOR CHICK TOE, WING AND BODY PICKING

DIRECTIONS: APPLY THE OINTMENT TO PICKED BIRDS AND BIRDS WILL STOP PICKING. IT IS ON THICK PAPER IN ITS ORIGINAL WRAP AND IS EASY TO APPLY.

Frizelle, Eales & Co. COTATI CALIF. FEED STORES & HATCHERIES from Coast to Coast.

CHICK FEED TROUGH



Suitable for day old to six weeks old chicks. Easily filled and cleaned. V-Shaped bottom and flanged edge prevents waste. Guard adjustable for size of chicks.

No.	Length	Weight	Price
OF18	18 ins.	1 lb.	\$0.35

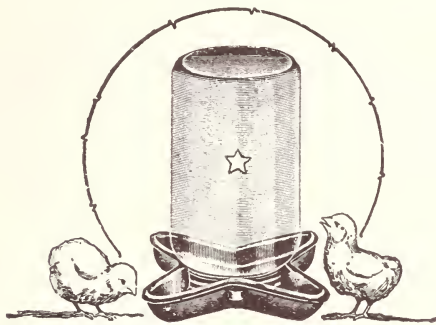
BOTTOM FILL FOUNTAIN

Made from heavy galvanized steel, two-piece, cone shape, easily filled and cleaned.

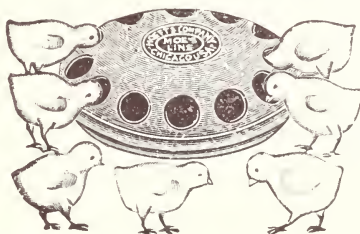
No.	Capacity	Weight	Price
B2	2 qts.	1 lb.	\$0.25
B4	1 gal.	2 lbs.	.40



Per 1/2 lb. pkg.	\$0.70
Per 1 lb. pkg., postpaid.	1.10

STAR FOUNTAIN

Quickly screwed to a Mason jar and provides a greater drinking surface than the ordinary round fountains. Price, 15c each; 2 for 25c, postpaid. Mason jar not furnished.

DIAMOND G ROUND CHICK FEEDER

These round hole chick feeders are excellent for either dry or liquid feeds.

No. A12, 12 holes. Each, 24c; postpaid 30c. Two for 50c, postpaid

NEW REEL TYPE CHICK FEEDER

Provided with automatic revolving reel that revolves at the slightest weight placed upon it, thereby keeping the chicks from roosting or getting into the feed.

No.	Length	Weight	Price
R24	24 inch	3 lbs.	\$0.50
R36	36 inch	3 lbs.	.75

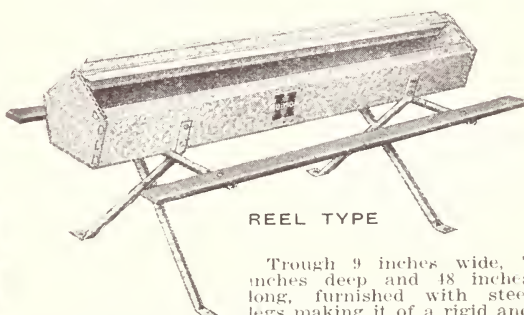
**TESTED AND GUARANTEED POULTRY PUNCHES**

The only safe way to mark baby chicks is by use of the toe punch. No. 38, postpaid, each, 25c.

IDEAL PUNCH

New improved punch, scissors type, cuts clean, does not pinch foot.

40c, postpaid.

**DRY MASH FEEDER****REEL TYPE**

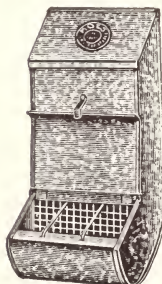
Trough 9 inches wide, 7 inches deep and 48 inches long, furnished with steel legs making it of a rigid and sturdy construction. Can be furnished with either revolving reel or grille.

No.	Length	Weight	Price
R4S	4 ft.	28 lbs.	\$3.00

IMPROVED HANDY MASH HOPPER

Constructed to hang on the wall at any height. Sloping top prevents roosting. Curved bottom prevents waste.

No.	Wt.	Capacity	Price
35	5 lbs.	10 qts.	\$1.50
36	6 lbs.	14 qts.	2.00
13	9 lbs.	22 qts.	2.35
37	10 lbs.	32 qts.	3.00

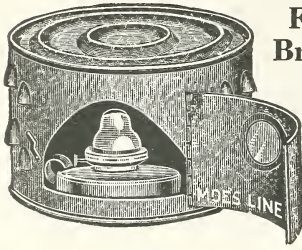
**LITTLE PUTNAM STOVE**

Burns one month without attention. Used for heating fountains and oat sprouters. Price \$1.95 postpaid.

Wicks for above. Each, 4c; doz., 20c. postpaid.

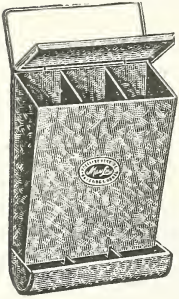
Wick and Holder. Each, 12c. postpaid.

Diamond G Fountain and Brooder Heater



Makes an excellent heater for small brooders. Will burn continuously for seven days on one filling of oil. New safety type burner. Weight 5 pounds. Each, \$1.90, add postage.

DIAMOND G GRIT AND SHELL BOX



Constructed to prevent waste in the feeding of grit, oyster shell and charcoal.

No. Price
C-48B—2 compartments..\$0.50
C-48B—3 compartments.. .90

Postpaid

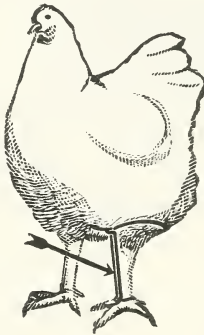
The above box can also be furnished with open front grille for the feeding of greens. Each, 90c, postpaid.

THE "NO-SET" POULTRY GUARD

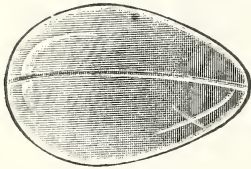
Will not injure the hen in any way and effectually prevents her from setting. Will usually break up the most stubborn case in two to three days.

Full directions furnished with each guard.

No. 290—Each, 15c; two for 25c, postpaid.



CHINA NEST EGGS

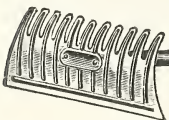


Made of white porcelain, natural in appearance, and uniform in size. Will not easily break. Per dozen, 50c; postpaid, 60c.

LICE REPELLING WHITE NEST EGGS

Closely imitate a real egg in appearance, and contains a powerful disinfectant. Will aid greatly in keeping the nest and hen free from vermin. Soon pay for themselves in increased yield. Per dozen, 50c; postpaid, 65c.

MOE'S HANDLED SCRAPER



Made of hard stiff sheet steel. Light in weight, yet strong and durable. Just the thing for keeping the dropping boards clean.

No. 51—Each, 50c, postpaid.

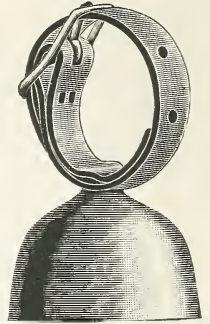
DO THE COYOTES DISTURB YOUR FLOCK OF TURKEYS

It is discouraging to raise a fine flock of turkeys until they are large enough to eat in the grain field and then lose most of them through hawks and coyotes.

Place a few of these bells around the necks of some of them and your flock is protected from all animals and hawks.

THE CHEAPEST PROTECTION THAT YOU CAN BUY FOR YOUR FLOCK OF TURKEYS.

Made from the best grade of bell metal, fitted with good leather strap for placing around neck. Each, 25c; 2 for 40c; 6 for \$1.15; per dozen, \$2.20, postpaid.

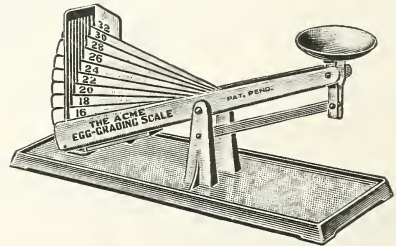


EGG SCALES, POSTPAID 95c



Be sure of your hatching eggs. Use only uniform heavy eggs.

ACME EGG GRADING SCALE

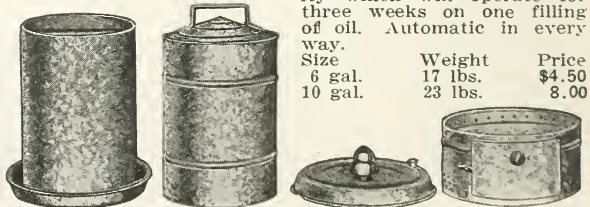


Will grade any egg from 16 to 32 ounces per dozen. This scale is being used by more than a hundred state institutions and has been officially adopted as the standard scale in many sections of the United States. It is being used by all of the commercial Egg Grading Plants in Montana at the present time. Each, \$2.85, postpaid.

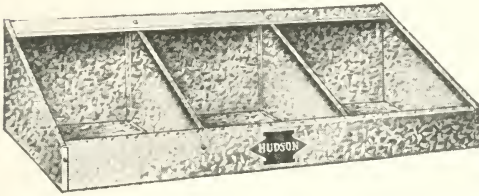
DIAMOND G HEATED FOUNT

Made of 26 gauge copper bearing steel which prevents rusting. Furnished with new type chimney burner, large oil capacity which will operate for three weeks on one filling of oil. Automatic in every way.

Size	Weight	Price
6 gal.	17 lbs.	\$4.50
10 gal.	23 lbs.	8.00

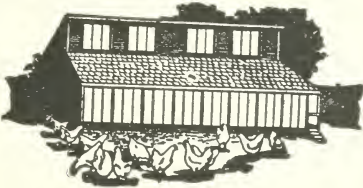


SANITARY STEEL HEN'S NESTS



Made of heavy galvanized iron, easy to scald and disinfect. Furnished in three nest compartments only. Weight 16 lbs. \$1.95, add postage.

GLASS CLOTH



Vegetables and baby chicks thrive under Glass Cloth. Cover hot beds, scratch sheds and brooder houses with this marvelous material now.

PRICES

Single yard	\$ 0.50
3 yards	1.25
6 yards	2.25
10 yards	3.50
50 yards	17.00

SPECIAL OFFER—15 yards of Glass Cloth, post-paid your station, for \$5.00.

CEL-O-GLASS



*Protect
Chicks &
Plants with*

CEL-O-GLASS

Can be used on greenhouses, hot beds, cold frames, poultry houses and brooder houses. Absolutely non-breakable and stronger than glass. Width, 28 inches, per running foot.....\$0.32
Width, 36 inches, per running foot..... .40

Weight per running foot, ½ lb.

Add Postage

POULTRY NETTING

All Diamond G Poultry Netting is galvanized before weaving, thereby assuring you long life.
Price Per Roll of 150 Feet
(We Do Not Break Rolls)

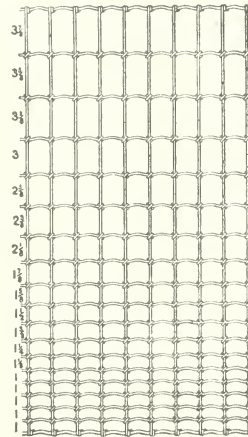
2-inch Mesh

No.	Width	Weight	Price per roll
A	12-inch	13 lbs.	\$ 1.65
B	18-inch	20 lbs.	2.15
C	24-inch	23 lbs.	2.90
D	36-inch	33 lbs.	3.95
E	48-inch	43 lbs.	4.75
F	60-inch	53 lbs.	5.65
G	72-inch	62 lbs.	7.10

1-inch Mesh

No.	Width	Weight	Price per roll
H	12-inch	15 lbs.	\$ 3.00
I	18-inch	22 lbs.	3.90
J	24-inch	29 lbs.	4.00
K	36-inch	42 lbs.	6.30
L	48-inch	55 lbs.	7.90
M	60-inch	68 lbs.	9.95
N	72-inch	74 lbs.	11.00

DIAMOND G GRADUATED POULTRY NETTING



The first 12 inches is 1 inch. From the 12 inch line to 24 inches is 1½ inch. And from the 24 inch line to the top, the wires are spaced 2 inches.

Price Per Roll of 150 Ft.
(We do not break rolls)

Height	Weight	Price
24-inch	35 lbs.	\$4.10
36-inch	50 lbs.	5.20
48-inch	55 lbs.	6.05
60-inch	65 lbs.	7.10
72-inch	75 lbs.	7.95

GRAHAM & ROSS ALUMINUM LEG BANDS

Made with large numbers, easy to read and adjustable to any size fowl.

POSTPAID PRICES

12 bands.....	\$0.15
25 bands.....	.25
50 bands.....	.45
100 bands.....	.75



DIAMOND G COLORED LEG BANDS



Furnished in cerise, red, blue, yellow and green.

Prices postpaid your station:

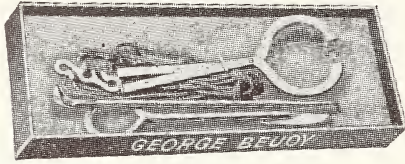
12 bands.....	\$0.15
25 bands.....	.30
50 bands.....	.50
100 bands.....	.75

KILLING KNIFE



By simply turning the wrist the jugular vein and spinal cord are cut, thereby bleeding the fowl, allowing the feathers to be removed without using water. Each, 50c.

CAPONIZING SETS



SPOON SET—A complete set consisting of spreader, knife, spoon remover or twisting scoop and complete directions for **\$2.75, postpaid.**

BEUOY'S BEST SET—Without doubt the most complete set offered. It consists of automatic spreader, razor blade knife, prod hook and automatic testicle remover. Furnished with complete directions and sent postpaid for **\$5.00.**

LANSDOWNE AUTOMATIC TESTICLE REMOVER



An ideal remover for the beginner and is recommended by the poultry expert for this state. Will absolutely overcome the large percentage of "slips" which the beginner usually experiences. Each, **\$1.25, postpaid.**

Remedies and Tonics

Complete description of any of the following remedies will be mailed you upon request.

DR. HESS POULTRY TABLETS (Formerly Roup Tablets)—Postpaid prices—100 tablets, 50c; 225 tablets, **\$1.00.**

DR. HESS CHICK TABLETS—(Cure of White Diarrhoea)—Postpaid prices—100 tablets, 50c; 225 tablets, **\$1.00.**

DR. HESS PAN-A-MIN—Postpaid prices—3 lbs., 65c; 7 lbs., **\$1.25**; 15 lbs., **\$2.25**; 25 lbs., **\$3.50.**

DR. HESS VER-MI-TROL—A flock treatment for treating all worms. 4 lbs., **\$1.50**; 10 lbs., **\$3.25.**

PRATT'S ROUP TABLETS—Small. 30c, postpaid; large, 60c.

PRATT'S BRONCHITIS—Large size. 60c postpaid.

PRATT'S CONDITION TABLETS—For hens off feed. 60c, postpaid.

PRATT'S WHITE DIARRHOEA—30c, postpaid.

CONKEY'S ROUP REMEDY—30c, postpaid.

CONKEY'S LIMBERNECK REMEDY—60c, postpaid.

CONKEY'S WHITE DIARRHOEA REMEDY—1,200 tablets, **\$2.50.**

CONKEY'S Y-O—1 lb., 60c; 2 lbs., **\$1.00.**

LEE'S REMEDIES



LEE'S VAPO-SPRAY—Used in treating colds and bronchitis, $\frac{1}{2}$ gal., **\$1.25, postpaid.**

LEE'S EGG-O-HATCH—Helps eggs hatch easier. Per pkg., 50c.

LEE'S GIZZARD CAPSULES—Chick size. 50, 50c; 100, 90c; 250, **\$2.00.**

Hen and Turkey size. 50, **\$1.00**; 100, **\$1.75**; 250, **\$4.00**; 500, **\$7.00.**

LEE'S GERMOZONE—4 oz., 40c; 12 oz., 75c; qt., **\$1.50**; $\frac{1}{2}$ gal., **\$2.50**; 1 gal., **\$4.50.**

In tablet form—20 tablets, 25c; 200 tablets, **\$1.50.**

LEE'S EGG-O-LATUM—For preserving eggs. Per jar, 50c; large size, (4 times as much as the 50c size), **\$1.00.**

LEE'S DRI-RUB—Much cheaper than ordinary louse powder. 3 lbs., 75c.

LEE'S FLU-KOFF EMULSION—1 qt., **\$2.00**; $\frac{1}{2}$ gal., **\$3.50**; 1 gal., **\$6.50.**



DON SUNG Chinese for Egg-Laying FOR LOAFING HENS

GUARANTEED TO PRODUCE EGGS

45 tablets.....**\$0.50**
125 tablets.....**1.00**
Special size (6 times the dollar size).....**5.00**

AVICOL CHICK TABLETS

Trial size**\$0.50**
Large size (3 times the 50c size).....**1.00**

GROUP-OVER

For Colds and Roup in Poultry

Trial size**\$0.50**
Large size (3 times the 50c size).....**1.00**

PREVENT BLACKHEAD IN TURKEYS

Ray-Zem is one of the greatest poultry remedies ever discovered and is used by turkey and chicken raisers throughout the United States and Canada. Unequaled for preventing Blackhead in turkeys. Should be used daily from time birds are hatched until the danger period is over. A gallon is enough for 150 turkeys.



NEW REDUCED PRICES: Gallon, **\$9.00**; Quart, **\$3.50**; Pint, **\$2.50**; Trial Size, **\$1.00, postpaid.**

Lice Killers and Disinfectants



B-K

LOWER PRICES

Size	Wt.	NEW Prices
10 oz.	1 lb.	\$0.50
1 qt.	3 lbs.	.90
1 gal.	17 lbs.	2.00
5 gals.	70 lbs.	8.50



DR. HESS DIP

NOT POSTPAID

Size	Weight	Price
1 qt.	4 lbs.	\$0.60
1/2 gal.	7 lbs.	.85
1 gal.	12 lbs.	1.50
5 gals.	50 lbs.	6.25

DR. HESS LOUSE POWDER
—1 lb., 35c; 2 1/2 lbs., 65c.
LEE'S LICE POWDER—1 lb.,
30c.
REVENGE LICE KILLER—
1 1/2 lbs., 65c; 3 lbs., \$1.00.



HEALTH PAINT

Disinfects and whitewashes at the same time.
5 lbs., 75c; 10 lbs., \$1.40. Add postage.

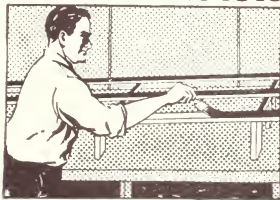
ATTENTION

To Owners of
IOWA VERMIN PROOF ROOSTS
We are now stocking
ANTI-SEP-TOL

Size	Weight	Price
1 gal.	11 lbs.	\$1.25

BLACK LEAF 40

'PAINT' THE ROOSTS



WITH "BLACK LEAF 40"

LOWER PRICES

Size	Old Prices	New Prices
1 oz.	\$0.35	\$0.35
5 oz.	1.25	1.00
1 lb.	2.50	2.25
2 lbs.	3.75	3.35
5 lbs.	7.00	6.25

LICENE

A sure remedy. Per tube, 60c; postpaid, 65c.

SULPHUR CANDLE

1 lb. size, 40c each, postpaid.

LEE'S DIP



POSTPAID PRICES

Quart	\$0.75
1/2 gal.	1.25
1 gal.	2.00

DR. HESS STOCK TONIC

Used By All Successful Dairy Owners

3 1/2 lbs.	\$ 0.65
10 lbs.	1.50
25 lbs.	3.50
100 lbs.	12.00

Add Postage.

DR. HESS HOG SPECIAL

A conditioner and worm expeller that all successful hog raisers should use. 15 lbs., \$2.25, add postage.

DR. HESS UDDER OINTMENT

Used on swollen or bruised udders, cracked or chapped teats, cuts and bruises. Per can, 50c, postpaid.

DR. HESS FLY CHASER

A new strong preparation. Per gallon, \$1.75 postpaid.

We can save you money on Printed
Bottle Caps—Write for Prices

STOCKAID FLY SPRAY

STOCKAID has been known for years as one of the most reliable of all stock fly sprays. Will not gum the hair and very effective in keeping flies off stock not only while milking, but in the pasture.

Per gallon, \$1.75, postpaid.

FLYTOX House Fly Spray

The most simple and most effective way of ridding your house of flies is by the use of FLYTOX. Simply spray a small amount in each room and immediately the flies are killed. Will not soil walls or fabrics. A spray furnished with each bottle.

1/2 pint, 50c, postpaid.
1 pint, 75c, postpaid.

ATTENTION

TO BUYERS OF WOOL BAGS—We have made arrangements to purchase a full car of Wool Bags and will be in position to furnish you with any quantity at attractive prices. Write for our prices before making your purchase.

**Get Our Prices on
COLEMAN LAMPS
and LANTERNS**

COLEMAN PARTS

A complete line of Coleman parts for both lamp and lantern are carried in stock. Write us your wants.



**GENUINE COLEMAN
MANTLES**

Give more light, made stronger and last longer.

Per pair, 20c; per doz., \$1.00, postpaid.

SILK MANTLES

Per pair, 20c; per doz., \$1.00, postpaid.

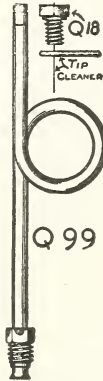
COLEMAN GENERATORS



Q77—The new type straight generator for use in lamps and lanterns. Each, 20c; per 1/2 doz., \$1.10, postpaid.

Q99—Long lasting. Each, 35c; 40c, postpaid.

R55—New automatic cleaning device enables one to use a lower grade of fuel and still maintain a brilliant light. Each, 55c, postpaid.



COMPRESSED AIR SPRAYER

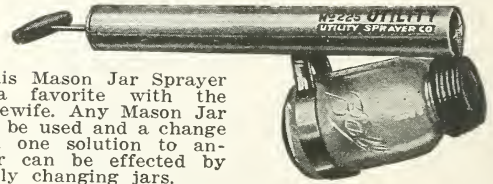
No. 10

This type of sprayer is the most popular for all general work. Tank of heavy galvanized iron. Side walls closely riveted and soldered. Pump is made of heavy seamless brass tubing with automatic check valve. Will last a lifetime. Furnished with extra spraying discs and long extension tubing.

No.	Wt.	Price
No. 10G	12 lbs.	\$5.50



MASON JAR SPRAYER

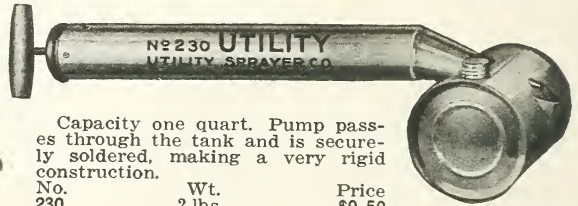


This Mason Jar Sprayer is a favorite with the housewife. Any Mason Jar may be used and a change from one solution to another can be effected by simply changing jars.

No.	Wt.
No. 225	3 lbs.

Price
\$0.65

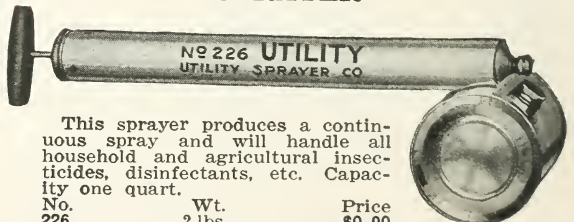
DIAMOND G SPECIAL SPRAYER



Capacity one quart. Pump passes through the tank and is securely soldered, making a very rigid construction.

No.	Wt.	Price
No. 230	2 lbs.	\$0.50

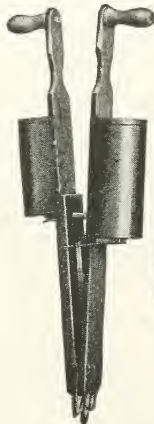
**DIAMOND G CONTINUOUS
SPRAYER**



This sprayer produces a continuous spray and will handle all household and agricultural insecticides, disinfectants, etc. Capacity one quart.

No.	Wt.	Price
No. 226	2 lbs.	\$0.90

**IMPROVED
CYCLONE
SEEDER**



Guaranteed to sow perfectly any seed such as clover, timothy, millet, alfalfa, rape, wheat and oats. Nothing to get out of order. Each, \$2.25, postpaid.

**ACME CORN PLANTER
WITH FERTILIZER
ATTACHMENT**

Made with the famous two-hand slide type. Plant your corn and at the same time fertilize each hill with this new planter. Each, \$2.35; postpaid, \$2.50.

DIAMOND G SMALL SPRAYER

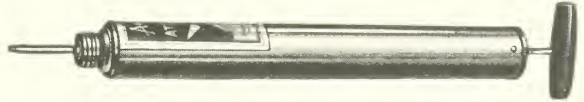
Capacity about $\frac{3}{4}$ of a pint. A small satisfactory sprayer that will handle all insecticides and disinfectants.

No.	Wt.	Price
202	1 lb.	\$0.30

DIAMOND G HOUSEHOLD SPRAYER

Particularly designed for household uses. Can be detached for convenient filling.

No.	Wt.	Price
F2	$\frac{1}{2}$ lb.	\$0.15

DIAMOND G JR. DUSTER

A handy size for use around the house. Can also be used for dusting vegetables. Each, 60c. postpaid.

Insecticides and Fungicides

Prices quoted are subject to change without notice.
Insecticides cannot be sent by mail. Order with your freight shipment.

ALL ROUND SPRAY

One shot of All Round Spray gives triple service in protection of your flowers, shrubs, vegetables and trees. $\frac{1}{4}$ lb., 45c; 1 lb., 95c.

PARIS GREEN

$\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 5 lbs., \$2.10.
Write for prices in larger amounts.

ARSENATE OF LEAD

$\frac{1}{2}$ lb., 30c; 1 lb., 50c; 4 lbs., \$1.40.

BORDEAUX MIXTURE

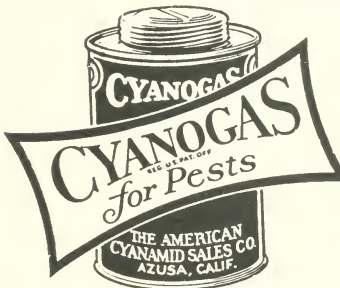
1 lb., 45c; 4 lbs., \$1.25.

LONDON PURPLE

A sure killer for potato bugs. $\frac{1}{4}$ lb., 15c; 4 lbs., \$1.40.

FISH OIL SOAP

1 lb., 55c, postpaid.

CYANOGENAS

Will kill Ants, Ground Hogs, Prairie Dogs, Rats, Mice, Bed Bugs, Gophers and Cockroaches. Complete directions furnished with each can. Easy to use and effective.

Size	Wt.	Price
5 lb. can	5 lbs.	\$1.75
25 lb. can	25 lbs.	6.35

Add Postage.

Kill-Em-Quick

TRADE MARK REG. U.S. PAT. OFF

**KILL GOPHERS**

By using Kill-Em-Quick. This preparation is ready to mix with your own clean grain. Costs less than to prepare your own poison bait.

Enough to treat 40 acres, 65c per package, postpaid.

ATLACIDE WEED KILLER

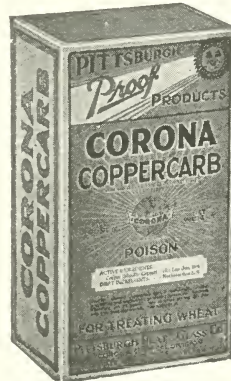
Write for Free Weed Spray Chart

KILLS Johnson Grass, Quack Grass, Canada Thistle, Sow Thistle, Poison Ivy, White Top, Puncture Vine, Willows and all other forms of vegetation. Recommended by our State Agricultural College for killing all types of noxious weeds.

PRICE SCHEDULE

50-lb. drums.	Per lb.	\$0.13
100-lb. drums.	Per lb.	.12 $\frac{1}{2}$
200-lb. drums.	Per lb.	.12
2,000-lb. drums.	Per lb.	.11 $\frac{1}{2}$

All Prices F. O. B., Great Falls.

PREVENT SMUT—USE CORONA COPPERCARB

This new treatment for the prevention of smut is now used by the larger and more prosperous farmers in the Northwest. It saves seed, costs less, does not injure the seed and prevents smut. Use 2 to 3 ounces per bushel of grain.

COPPERCARB, 20%

(Recommended for Spring Grain)

Per 5-lb. package...\$0.95
Per case, 30 lbs..... 4.75
Add Postage

COPPERCARB, 50%

(Recommended for Fall Wheat)

Per 5-lb package.....\$1.50
Per case, 30 lbs..... 7.50
Add Postage.

NEW WAY TO KILL GARDEN BUGS

PROTECT your flowers and vegetables this new way. Surprisingly easy! Simply sprinkle with a new kind of non-poisonous powder called PLANTGARD. Not only are bugs, worms and insects killed, but this almost magical powder also fertilizes the ground. No wonder flowers grow larger and brighter colored! Vegetables mature quicker and are more tasty. Yet it costs only a few cents to protect an entire garden bed. Ask for Plantgard today.

Plantgard
FOR GARDEN PROTECTION



Postpaid Prices: 1 lb., 40c; 2 lbs., 70c.

the **EVER GREEN** to NON-POISONOUS INSECTICIDE PROTECT YOUR GARDEN



The new effective insecticide. Kills every insect that the home gardener is likely to encounter. Absolutely NON-POISONOUS to humans, animals and birds. No danger from eating fruits and vegetables that have been sprayed with EVER GREEN. Easily mixed. Simply mix with soapy water and spray on foliage. Has a pleasant odor suggestive of fresh cedar. Economical to use. Price: Per bottle, 40c, postpaid. Makes nine gallons of spray.

INOCULATE

Alfalfa, All Clovers, Peas and Beans with



NEW LOW PRICES

Alfalfa and Clovers

Size	Price
1/4 bushel.....	\$0.40
1/2 bushel.....	.60
1 bushel.....	1.00
5 bushels.....	4.75

Peas and Beans

Size	Price
1/2 bushel.....	\$0.40
1 bushel.....	.60

When ordering, always specify kind of seed.

GARDEN NITRAGIN

Should be used on all peas, beans and sweet peas. Inoculates from one ounce to eight pounds of seed. Price, 25c; postpaid, 30c.

CURRENT FEED PRICES



All prices subject to market changes and stock unsold. Orders will be filled to the full value of remittance received. All prices F. O. B. Great Falls, bags free.



PREPARED FEEDS

DIAMOND G

Buttermilk Chick Mash containing Yeast and Pure Cod Liver Oil \$3.50 100 lb. \$1.85 50 lb. \$1.00 25 lb. \$0.45 10 lb.
Turkey Mash (We recommend the above feed for turkeys).

Growing Mash	2.80	1.50	.85	.40
Egg Mash with Buttermilk	2.15	1.20	.75	.30
Egg Mash with Yeast and Cod Liver Oil	2.55	1.40	.85	.35
Chick Scratch	2.65	1.45	.80	.35
Pullet Scratch	2.50	1.40	.75	.30
Hen Scratch (8 grains)	2.15	1.20	.75	.30

CERETANA

Starting Mash with Buttermilk and C. L. Oil.....	\$3.60	\$1.95	\$1.00	\$0.45
Turkey Starter	3.70	2.00	1.05	.45
Growing Mash with Buttermilk and C. L. Oil.....	2.90	1.60	.85	.35
Gallatin Growing Mash with Buttermilk.....	2.70	1.50	.80	.35
Chick Scratch	2.65	1.45	.80	.35
Pullet Scratch	2.50	1.40	.75	.30
Egg Mash with Buttermilk and Cod Liver Oil.....	2.70	1.50	.85	...
Mor-Live Chick Mash without Buttermilk.....	2.90	1.60	.95	.35
(Recommended where an abundant supply of milk is available)				
Mor-Live Growing Mash.....	2.40	1.35	.80	.30
Mor-Egg Egg Mash.....	1.85	...	...	...

Current Feed Prices---Continued

MISCELLANEOUS FEEDS

	100 lb.	50 lb.	25 lb.	10 lb.
Alfalfa Meal	\$2.75	\$1.55	\$0.90	\$0.50
Bone Meal (Steamed)	3.35	1.90	1.25	.60
Barley Flour for Mashers	2.25	1.30	.75	.40
Buttermilk (Dried)	7.00	3.65	1.95	1.00
Corn (Yellow)	1.60	.95	.60	...
Cracked Corn, Unscreened	1.75	1.05	.65	...
Cracked Corn, Rescreened, Steel Cut	1.95	1.15	.70	...
Corn Meal	2.00	1.15	.70	...
Charcoal (Hardwood)	3.80	2.05	1.30	...
Calcite (Egg Shell Maker)	1.40	.85	.55	...
Cod Liver Oil, per gallon, \$2.25				
*Grit, all sizes	1.25	.75	.50	.35
Ground Feed (Oats, Corn, Barley) 80 lbs., \$1.60				
Lime	3.00	1.75	1.05	.50
Linseed Meal (Old Process)	3.00	1.65	1.00	.40
Meat Scraps	3.50	1.90	1.05	.50
Oyster Shell Flake	1.65	1.00	.65	.25
Oats	1.60	.90	.55	...
Oats (Rolled)	2.90	1.60	.95	.40
Oat Groats	2.90	1.60	.95	.40
Poultry Mineral (Sunshine)	5.00	2.60	1.40	.70
Salts (Epsom) per pound, 15c				
*Flax Meal (Druggist Grade)	8.50	4.35	2.30	1.00
Flax Meal (Common Grade)	4.00	2.10	1.15	.60
Salt with Iron and Iodine	1.25			
Salt with Iron and Iodine in ton lots	1.15			
Salt Blocks, 50 lbs. ....	.80			
Salt Blocks, 50 lbs. with sulphur. ....	.85			
Salt, Lump	1.12			
Tankage	2.90			
Wheat	1.40			

SPECIALTY FEEDS

Calf Meal (Ceretana)	\$4.00	\$2.15	\$1.20	\$....
Calf Meal (Blatchford)	6.00	3.25	1.75	...
Lamb Meal (Ceretana)	3.80	2.05	1.10	...
Rabbit Meal	2.30	1.65	.95	.35
Rabbit Cubes	2.00	1.15	.70	.30
Bran .....	.85			
Mixed Feed .....	.85			
Shorts .....	.95			

MOLASSES CUBE FEEDS

	Carloads					
	20 Tons	10-20	5-10	50-100	10-50	1- 10
	or over	Tons	Tons	Bags	Bags	Bags
Hi-Power Cubes	\$31.00	\$32.00	\$33.00	\$1.70	\$1.75	\$1.80
Ceretana Molas-O-Cakes	28.00	29.00	30.00	1.55	1.60	1.65
Econo-Cakes	24.00	25.00	26.00	1.35	1.40	1.45



DIAMOND "G" FEEDS ARE CLEAN

The picture shows an actual sample of strings, corn cobs, nails, bolts and dirt, removed by our modern cleaning equipment from a car of supposedly clean grain. All Diamond "G" Feeds and "X-L" Seeds are as clean as it is humanly possible to get them.

Our elevator and warehouse are open for inspection at any time and we always welcome visitors. We are pleased to show anyone how feeds and seeds are cleaned and how Diamond "G" Mashers are manufactured and the ingredients that go into them.

Field Seeds Section

Write for Samples and Tests

Current Prices. The prices quoted are opening prices and subject to market changes. If price of seed has advanced, order will be filled for amount of remittance. If lower, we shall refund the difference. All bags furnished free. All prices quoted F. O. B. Great Falls, add postage express or freight. See inside back cover for opening prices.

Alfalfa Seed

ALFALFA SEED PRICES LOWEST IN MANY YEARS

Don't pass up this opportunity to seed Alfalfa at an extremely low cost. You may not see such prices again in twenty years. And now that good seed is so very cheap, don't risk getting weeds on your farm by sowing unclean and untested seed. **THE BEST IS CHEAP THIS SEASON.**

"X-L" BRAND

The finest grade of Alfalfa Seed grown in Montana and would command a premium on any eastern market, because of its purity and extreme hardness. Free of dodder, well scarified and graded.

COMMON MONTANA ALFALFA SEED

While not carrying as high a test as our "X-L" brand, this seed will prove satisfactory in every way. This seed is thoroughly cleaned, plump, well graded and excellent germination. A real buy at this price.

"X-L" AFFIDAVIT GRIMM

This seed was grown from registered seed inspected by our personal representative and certified by growers affidavit. Carries an excellent purity and germination test.

"X-L" REGISTERED GRIMM

At the price we are offering this seed, no one can afford not to plant at least a few acres of the highest quality of alfalfa seed known. Officially registered and certified by representatives of the Montana Seed Growers Association. Sold in sealed bags only, carrying Blue Tag which is the highest grade established.

Clover Seed

To insure high germination, we scarify all seed

CLOVER AND GRASS SEED PRICES DOWN TO ROCK BOTTOM

This is the time to improve your land by turning a good portion of it back to meadows and pastures.

"X-L" HI-GERMINATING WHITE SWEET CLOVER

Especially suited to heavy, gumbo ground. A high rank grower and wonderful soil improver. Makes a much better hay crop the second year than the first.

"X-L" HI-GERMINATING YELLOW BLOSSOM

This variety does not grow as tall as the White. Makes an excellent hay as the stalks are not too coarse and are very fine in texture.

"X-L" HI-GERMINATING ALSIKE OR SWEDISH CLOVER

This variety is a perennial and one of the hardiest varieties known. Absolutely refuses to winter kill. Capable of resisting the extreme of drought or wet.

"X-L" HI-GERMINATING MEDIUM RED CLOVER

Sometimes called June Clover. It will produce two crops of hay and usually can be depended upon for a crop of hay and crop of seed. May be sown either in the spring or fall.



"X-L" Brand Seed Produce Large Crops.

Grasses



The Kind of Meadows You Get From Mixtures

"X-L" Hi-Germinating Brome Grass

We consider Brome grass the most important tame grass for Northwestern conditions. No amount of cold seems to be able to kill it. Will grow under conditions that are very dry and it can also stand being covered with water for one or two weeks in early spring. Most economical pasture grass we know.

"X-L" Hi-Germinating Kentucky Blue Grass

This makes the best, sweetest and most nutritious pasture for all kinds of stock. A perennial that is often mixed with other grasses forming a permanent pasture. Our seed is bright, plump, testing 21 pounds to the bushel which is considered above the standard.

"X-L" Hi-Germinating English or Perennial Rye Grass

Excellent for both pasture and meadows, moist and rich clay loams are the soils best suited to it. The seed is heavy and very quick to start.

"X-L" Hi-Germinating Meadow Fescue or English Blue Grass

This is an excellent permanent pasture grass and extremely hardy and the quality of the grass is high for feed purpose. Withstands drought and heat and severe cold equally well.

"X-L" Hi-Germinating Orchard Grass

No farm should be without a small field of this wonderful grass as in many respects it is superior to all other grasses, stands the drought well, grows in the shade, does well in poor or wet ground. Furnishes pasture three weeks earlier than other grasses and after close grazing, ten days rest is sufficient to produce another growth.

"X-L" Hi-Germinating Red Top

Makes a good growth the same year it is sown and continues growth throughout the season. Commonly known as Herd's Grass. Generally used in grass mixtures for hay purposes.

"X-L" Hi-Germinating Timothy

As a crop for hay, Timothy is probably unsurpassed by any other grass. Greatly relished by all kinds of stock.

"X-L" Hi-Germinating Rye Grass

Sometimes called Slender Wheat Grass. Affords excellent pasturage and provides large quantities of hay. Thrives on all soils, gives good returns on strong alkali land.

"X-L" Hi-Germinating Sudan Grass

This grass is closely related to the Cane family, but is not so coarse and yields more feed per acre. Found favor with the Montana farmer by its ability to withstand drought and the fattening properties that it carries. We offer Montana grown seed this year.

"X-L" Hi-Germinating Huntley Permanent Pasture Mixture

Recommended by the Federal Experiment Station at Huntley as the best mixture for Montana. Tests have proved that it will pasture more stock per acre than any other.

Suggested for one acre:

- 3 lbs. Brome Grass.
- 4 lbs. Kentucky Blue Grass.
- 4 lbs. Orchard Grass.
- 3 lbs. Meadow Fescue.
- 1 lb. White Clover.
- 1 lb. Alsike Clover.
- 16 lbs. for \$3.20

Barley

TREBI

This is a rather new six-row variety which has been giving exceptionally good results in Montana, especially suited for irrigated lands. Straw of medium height and fairly stiff so that it is less likely to lodge than other varieties. Recommended especially irrigated land.

HANNCHEN

Two row. One of the most popular of two-row varieties. A consistent yielder in Montana for years.

HORN BARLEY

This is a new variety just introduced in Montana and tested at the Experimental Stations at Bozeman and Moccasin. From tests made at these stations and from individual plots, it has been proven that Horn Barley is the highest yielding of all Two Row Barleys, withstands drought and yields well in dry land, as early to mature as any of the two row barleys. We believe this new barley shall become the most popular dry land barley. See Price List.

Below we list the average yield on trial plots at Montana Agricultural stations on Horn Barley:

Station	Average Bushels		
	3 yrs.	5 yrs.	6 yrs.
Moccasin—Dry Land			48.9
Bozeman—Irrigated	73.8	72.5	



Horn Barley

WHITE HULLESS

This is a six-row beardless barley which threshes out of the straw like wheat. It is a good barley for dry sections as it is very early, especially valuable for hogging off as there are no beards to bother the stock. It is also sown for early hay.

BLUE HULLESS

Faust Strain. It has proven itself to be by far the highest yielding of all hulless types. An average yield of 35 to 40 bushels is very common, and the feed value of this variety is the highest of all barleys.

Seed Corn

**High Yielding, Early Maturing,
Montana Grown
"X-L" HI-GERMINATING
FALCONER**

The highest yielding of all corn varieties for the Northwest. Earlier than any of the Dents and hardier. It will grow and develop in cold weather when other sorts stand still. Large ears containing 8 to 12 rows.

**"X-L" HI-
GERMINATING
N. W. DENT**

Extremely hardy and will produce crop when all other dents fail owing to its frost and drought resistance. Ripens in 80 to 90 days.

**"X-L" HI-
GERMINATING
PIONEER OR
RUSTLERS
WHITE DENT**

The earliest Dent to pick for those wishing only the grain crop. Cures quickly as the cob is small. This corn has never failed to produce some ripe corn for us even in the worst years.

**"X-L" HI-GERMINATING GEHU
OR YELLOW FLINT**

The very earliest of flint corn producing two or three ears to the stock. For some of Montana's high altitude counties this corn is a wonder as it is drought, frost and hail resistant to a greater extent than any other variety.

**"X-L" HI-GERMINATING
WHITE FLINT**

Matures in about 80 days and grows to a height of 4 to 5 feet. Especially adapted to hogging down as the ears grow close to the ground.

**"X-L" HI-GERMINATING
ELEPHANT FODDER**

Our particular strain of this variety has become popular with hundreds of stock growers in Montana, because of its large size, earlier maturity, finer and richer fodder and ease of handling. Grows to an average height of 7 to 8 feet, is very leafy and has a small stalk.

Beans

**Montana Grown
"X-L" HI-GERMINATING
GREAT NORTHERN FIELD**

We wish each customer of ours would plant a few acres of this bean. You will always find a ready market. Montana grown beans are known the country over and always command a premium.

**Millet**

**"X-L" HI-GERMINATING
EARLY FORTUNE MILLET**

One of the surest crops in the Northwest and especially valuable as a grain crop for late planting. Yields enormous crops of rich food, adapted to stock and poultry feeding.

**"X-L" HI-GERMINATING
GERMAN**

This variety is especially adapted for hay because of its taller growth, extreme earliness and rich feeding value. We recommend Southern Grown Millet seed for hay purposes.

**"X-L" HI-GERMINATING
SIBERIAN**

As both a hay and seed producer, it ranks very high. This is the hardest and most planted variety in the Northwest.

**"X-L" HI-GERMINATING BROOM
CORN OR HOG MILLET**

The most common variety grown for seed production. Makes an excellent feed for hogs, cattle and poultry. A great drought resister.

Seed Oats



Victory Oats

Dry Land Montana Grown

**“X-L” HI-GERMINATING
SWEDISH SELECT**

The straw is coarse, noted for its stiffness and power to withstand lodging. Weighs from 35 to 45 pounds per bushel. They are quite early and less liable to smut than most any other sort.

**“X-L” HI-GERMINATING
VICTORY**

This is the standard oat for Montana. It is of the Swedish Select type, but much improved. It is a heavy yielding variety of thin hulled, plump white oats. Our seed weighs over 40 pounds to the bushel and is free of wild oats.

**Montana Grown
Canadian Field Peas**

Field Peas are one of the most useful of crops. The straw is equal to clover and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting, we recommend that they be sown with oats or Spring Rye.

Spring Rye Seed

Useful as a late crop both for hay and grain and excellent for summer pasture.

Sunflower Seed

**“X-L” HI-GERMINATING
MAMMOTH RUSSIAN**

A wonderful producer of fine quality silage. Will produce as high as 12 tons to the acre. Sown in rows wide enough apart to permit cultivating between them.

Rape



Fine for Hogs and Sheep

**“X-L” HI-GERMINATING
DWARF ESSEX**

Sow 6 to 10 pounds per acre. Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off.

Flax

**“X-L” HI-GERMINATING
RESERVE**

This new variety of Flax has been proven to be the best yielder of any variety yet tried at the Bozeman Experiment Station. Over a three-year period yielded 27.8 bushels per acre on irrigated land. Much earlier than Russian Brown or Bison and ripens very evenly.

Spring Wheat

We can furnish either Marquis or Supreme and if interested, write for prices at planting time.



PRICE LIST VEGETABLE SEEDS

A complete description covering all Vegetable Seeds that we list will be found in Section 1 of our 1932 catalog and a free copy will be gladly mailed you upon request.

	Pkt.	1/2 oz.	oz.	1/4 lb.	1/2 lb.	lb.
ASPARAGUS						
Washington	\$0.10	\$....	\$0.30	\$1.00	\$....	\$....
ASPARAGUS ROOTS						
Washington (Rust Proof). 12 for 40c; 50 for \$1.60; 100 for \$3.00.						
BEANS, FIELD						
Great Northern.....						.15
Not postpaid prices: 5 lbs., 40c; 25 lbs., \$1.75; 50 lbs., \$2.75; 100 lbs., \$5.00.						
BEANS, DWARF OR BUSH BEANS						
Green Pod Stringless.....	.05			.15	.25	.45
Improved Golden Wax.....	.05			.15	.25	.45
Pencil Pod Black Wax.....	.05			.15	.25	.45
BEANS, POLE						
Kentucky Wonder Wax.....	.05			.15	.25	.40
Kentucky Wonder or Old Homestead.....	.05			.15	.25	.40
5 lbs. \$1.50, not postpaid.						
BEANS, BUSH LIMA						
Burpee's Bush .....	.5c and .10				.25	.45
BEETS, GARDEN						
Extra Early Egyptian.....	.05		.15	.35		1.00
Detroit Dark Red.....	.05		.15	.35		1.00
Extra Early Blood.....	.05		.15	.35		1.00
Early Wonder Beet.....	.05		.15	.35		1.00
BEETS, FOR STOCK FEEDING						
Giant Eckendorfer.....	.05			.25		.60
Golden Tankard.....	.05			.25		.60
Giant Half Sugar.....	.05			.25		.60
5 lb., \$2.25, not prepaid.						
BEETS, SUGAR						
Klein Wanzleben.....	.05		.10	.25		.70
5 lbs., \$3.25, not prepaid.						
SWISS CHARD OR SPINACH BEET						
Giant Lucullus.....	.05		.15	.35		1.00
BRUSSELS SPROUTS						
Dwarf Improved.....	.05		.35	.90		
CABBAGE, FIRST EARLY						
Golden Acre.....	.10		.40	1.50		
Early Jersey Wakefield.....	.05		.30	1.00		3.00
Copenhagen Market.....	.05		.35	1.15		3.50
Glory of Enkhuizen.....	.10	.20	.35	.95		2.75
CABBAGE, SECOND EARLY VARIETIES						
Early Dwarf Flat Dutch.....	.05		.30	1.00		3.00
CABBAGE, LATE OR WINTER VARIETIES						
Large Late Flat Dutch.....	.05		.35	1.00		3.00
Danish Ballhead.....	.05		.35	1.00	1.60	3.00
Red Rock.....	.05		.30	.90		2.50
CAULIFLOWER						
"X-L" Early Snowball.....	.10		3.00			
1/4 oz., \$1.00.						
CARROTS						
Ox Heart.....	.05		.10	.35	.60	1.00
Danvers Half Long.....	.05		.10	.35	.60	1.00
Chantenay .....	.05		.10	.35	.60	1.00
Improved Long Orange.....	.05		.10	.35	.60	1.00
1 lb., 85c; 5 lbs., \$3.75, not prepaid.						
CELERY						
"X-L" Dwarf Golden Self-Blanching Select.....	.10		1.25	4.50		
Improved White Plume.....	.10		.35	1.20		
CORN, SWEET						
Burbank Bantam.....	.05			.15	.25	.40
5 lbs., \$1.00, not prepaid.						
"X-L" Golden Sunshine.....	.05			.15	.25	.40
5 lbs., \$1.00, not prepaid.						
Golden Bantam .....	.05			.15	.20	.35
5 lbs., \$0.75, not prepaid.						
CORN, POP						
Monarch White Rice.....	.05			.15	.25	.35
CHICORY						
Witloof Chicory or French Endive.....	.05		.30			
COLLARDS						
Georgia, Southern or Creole.....	.05		.25			
CELERIAC						
Giant Smooth Prague.....	.05		.25			
CUCUMBERS						
Early Fortune.....	.05		.15	.40	.65	1.25
Imp. White Spine Select.....	.05		.15	.35	.60	1.00
"X-L" Davis Perfect.....	.05		.15	.40	.65	1.25
Graham & Ross Special.....	.05		.25	.70	1.25	2.00
Imp. Long Green.....	.05		.15	.35	.65	1.15
Chicago Pickling.....	.05		.15	.35	.65	1.10
Serpent or Snake Cucumber.....	.05		.25			

Price List Vegetable Seeds—Continued

	Pkt.	1/2 oz.	oz.	1/4 lb.	1/2 lb.	lb.
CRESS						
Extra Curled or Pepper Grass.....	\$0.05	\$....	\$0.15	\$....	\$1.00	\$....
CORN SALAD						
Large Round-Leaved.....	.05	....	.20	.70	....	....
ENDIVE						
Green Curled.....	.05	....	.15	.45	....	....
White Curled.....	.05	....	.15	.45	....	....
Broad-Leaved Batavian.....	.05	....	.15	.45	....	....
EGG PLANT						
Black Beauty.....	.10	....	.50	....	....	....
GARLIC						
Barvarian .....	....	....	....	....	....	.40
5 lbs., \$1.75, postpaid.						
HERBS						
Caraway .....	.05	....	.15	....	....	....
Dill .....	.05	....	.10	.30	....	....
Sweet Marjoran.....	.05	....	.25	....	....	....
Sage .....	.05	....	.40	....	....	....
Thyme .....	.05	.40	.60	....	....	....
Summer Savory.....	.05	....	.25	....	....	....
KALE						
Green Curled.....	.05	....	.15	.40	.60	1.00
KOHL-RABI						
Early White Vienna.....	.05	....	.20	.70	....	....
LEEK						
London or American Flag.....	.05	....	.20	.75	....	....
LETTUCE, LOOSE HEAD OR CUTTING VARIETIES						
Grand Rapids Forcing.....	.05	....	.15	.45	.70	1.25
Black Seeded Simpson.....	.05	....	.15	.45	.70	1.25
Prize Head.....	.05	....	.15	.45	.70	1.25
LETTUCE, HEADING VARIETIES						
New York or Wonderful.....	.05	....	.30	.90	....	3.00
LETTUCE						
Chicken .....	.05	....	.20	.45	....	1.50
MUSTARD						
Southern Giant Curled.....	.05	....	.15	.40	....	....
MUSKMELONS						
Extra Early Hackensack.....	.05	....	.15	.40	.65	1.25
Improved Rocky Ford.....	.05	....	.15	.40	.65	1.25
WATERMELONS						
Cole's Early.....	.05	....	.15	.35	....	1.00
Kleckley's Sweets.....	.05	....	.15	.35	....	1.00
MUSHROOMS						
Pure Culture Spawn.....	....	One brick, 40c; five bricks, \$1.75				
ONION SETS						
Yellow	Quart	4 Quarts	Bushel, 32 lbs.			
White	\$0.25 P. P.	\$0.85 P. P.	\$3.25 Not P. P.			
	.35 P. P.	1.00 P. P.	3.50 Not P. P.			
ONION PLANTS						
Bermuda Onion Plants.....	Per 100, 30c; 500, \$1.00; 1,000, \$1.75 postpaid.					
	Per crate of 6,000, \$8.00, not prepaid.					
ONIONS, YELLOW VARIETIES						
Prizetaker	Pkt.	1/2 oz.	oz.	1/4 lb.	1/2 lb.	lb.
Yellow Globe Danvers.....	\$0.05	\$....	\$0.20	\$0.60	\$1.00	\$1.75
Sweet Spanish.....	.05	....	.20	.60	1.00	1.75
	.05	....	.25	.75	1.35	2.50
ONIONS, RED VARIETIES						
Southport Red Globe.....	.05	....	.20	.60	1.00	1.85
ONIONS, WHITE VARIETIES						
Southport White Globe.....	.05	....	.25	.70	1.25	2.25
White Portugal.....	.05	....	.25	.70	1.25	2.25
PARSLEY						
Champion Moss Curled.....	.05	....	.15	.45	....	1.25
PARSNIPS						
Guernsey .....	.05	....	.15	.40	.65	.90
Hollow Crowned or Sugar.....	.05	....	.15	.40	.65	.90
PEAS, "X-L" MONTANA GROWN GARDEN						
Alaska .....	.05	....	....	.15	.25	.35
Gradus .....	.05	....	....	.15	.25	.35
American Wonder.....	.05	....	....	.15	.25	.35
Little Marvel.....	.05	....	....	.15	.25	.35
Little Gem.....	.05	....	....	.15	.25	.35
Laxtonian.....	.05	....	....	.15	.25	.40
Dwarf Telephone.....	.05	....	....	.15	.25	.35
Tall Telephone.....	.05	....	....	.15	.25	.35
5 lbs., \$1.10, not prepaid on all above varieties of peas, except the Laxtonian.						
PEPPERS						
Ruby King.....	.10	.35	.50	....	....	....
Large Bell or Bull Nose.....	.10	.35	.50	....	....	....
Large Red Cayenne.....	.10	.35	.60	....	....	....
California Giant.....	.10	.90	1.50	....	....	....
RHUBARB OR PIEPLANT						
Victoria or Mammoth.....	.05	....	.15	.40	....	1.30
RHUBARB ROOTS						
Two-Year-Old Roots. Per dozen, \$2.50.						
PUMPKINS						
Small Sugar (or Pie Pumpkin).....	.05	....	.10	.30	.50	.85
Large Cheese or Kentucky Field.....	.05	....	.10	.25	.40	.70
King of the Mammoth.....	.05	....	.15	.40	.70	1.20

Price List Vegetable Seeds—Continued

RADISHES	Pkt.	½ oz.	oz.	¼ lb.	½ lb.	lb.
Saxa	\$0.05	\$....	\$0.15	\$0.40	\$0.70	\$1.25
Sparkler .....	.05	....	.15	.35	.55	.90
Early Scarlet Globe Select .....	.05	....	.15	.40	.70	1.25
Crimson Giant .....	.05	....	.15	.35	.55	.90
French Breakfast .....	.05	....	.15	.40	.60	1.00
Cincinnati Market .....	.05	....	.15	.35	.55	.90
White Icicle .....	.05	....	.15	.35	.55	.90
White Strasburg .....	.05	....	.15	.35	.55	.90
RADISHES, WINTER VARIETIES						
Black Spanish .....	.05	....	.15	.40	.65	1.10
China Rose .....	.05	....	.15	.40	.65	1.10
SALSIFY OR OYSTER PLANT						
Mammoth Sandwich Island .....	.05	....	.25	.80	....	....
SPINACH						
Long Standing .....	.05	....	.15	.25	.40	.75
King of Denmark .....	.05	....	.15	.25	.40	.75
New Zealand .....	.05	....	.15	.25	.40	.75
SQUASHES, SUMMER SQUASHES						
Mammoth White Bush .....	.05	....	.15	.35	.55	1.00
Summer Crookneck .....	.05	....	.15	.35	.55	1.00
SQUASHES, WINTER						
Table Queen .....	.05	....	.15	.45	.75	1.40
Green Hubbard .....	.05	....	.15	.40	.65	1.15
Golden Hubbard .....	.05	....	.15	.40	.65	1.15
TOMATOES						
John Baer .....	.05	.30	.50	....	....	....
Earliana .....	.05	.25	.40	1.25	....	....
Bonny Best .....	.05	.25	.40	1.25	....	....
Red Head .....	.05	.30	.50	1.50	....	....
GROUND CHERRY						
Yellow Pear .....	.05	.20	.35	1.35	....	....
TURNTIPS, "X-L"						
Extra Early White Milan .....	.05	....	.10	.25	.40	.75
Extra Early Purple Top Milan .....	.05	....	.10	.25	.40	.75
Purple Top Strap-Leaved .....	.05	....	.10	.25	.40	.75
White Egg .....	.05	....	.10	.25	.40	.75
Purple Top White Globe .....	.05	....	.10	.25	.40	.75
"X-L" Imp. Purple Top Yellow—Rutabaga .....	.05	....	.10	.25	.40	.75

Vegetable Plants and Roots

All vegetable plants are grown under our direct supervision by experienced experts. We have built up a large growing business on the quality of plants we send out. A trial order will convince you.

SHIPPING DATE—All plants will be shipped, when to our judgment, danger of frost is over. If ordered with seeds or poultry supplies, balance of order will be filled and acknowledgment of plant order will be packed in shipment.

TOMATOES—We can furnish the following varieties: Bonny Best, Earliana, John Baer and Red Head.

CABBAGE—We have the following varieties: Golden Acre, Copenhagen Market, Danish Ball Head, Late Flat Dutch, Jersey Wakefield and Red Head.

CAULIFLOWER—Improved Stock Early Snowball.

CELERY—Golden Self-Blanching.

CUCUMBERS—Improved White Spine.

	NOT POSTPAID			POSTPAID		
	Per 12	Per 50	Per 100	Per 1,000	Per 12	Per 100
TOMATOES, 2-inch pot grown	\$0.75	\$....	\$....	\$....	\$1.10	\$....
TOMATOES, 3-inch pot grown	1.00	....	....	....	1.35	....
TOMATOES, 4-inch pot grown	1.50	....	....	....	....	....
TOMATOES, Bench Planted .....	.50	....	3.75	....	.65	4.25

Note: We do not ship 4 inch pot grown tomatoes by parcel post, and recommend that they be shipped by express only.

	Per 12	Per 50	Per 100	Per 1,000	Per 12	Per 100
CABBAGE	\$0.15	\$....	\$1.00	\$8.00	\$0.25	\$1.40
CAULIFLOWER .....	.25	....	1.50	....	.35	1.85
CELERY (Per 50 P. P. 1.55) .....	.30	1.25	2.25	....	.45	2.75

CUCUMBERS—2½-inch pots, each 10c; postpaid, 15c; per dozen, 75c; postpaid, \$1.00.

ASPARAGUS—Washington Rust-Proof—2-year-old field grown roots. Per dozen, 40c; 50, \$1.60; 100, \$3.00.

RHUBARB—Strong 1-year-old roots. Each, 25c; per dozen, \$2.50. 2-year-old, Each, 35c; per dozen, \$3.00.

HORSERADISH—Large clumps, each, 50c.

ONION PLANTS—See page 21.

Flower Seeds Price List

A complete description of all Flower Seeds we list will be found in Section 1 of our 1932 catalog and a free copy will be gladly mailed you upon request.

All Flower Seeds 10c per packet unless otherwise marked.

Annuals

Ageratum Mexicanum.
Sweet Alyssum.
Amaranthus—Tri-color (Joseph's Coat).
Antirrhinum (Snapdragon)—Rose Pink, Bright Yellow, Brilliant Crimson.
Asters—Queen of the Market—Dark Blue, Flesh, Scarlet, Rose Pink, mixed.
Asters—Aster, Imp. Crego or Comet Giant. All colors mixed.
Asters—Giant Ostrich Feather—Crimson, Dark Blue, Soft Pink and mixed.
Asters—California Giant Asters.
Balsam (Lady Slipper)—Double mixed.
Bachelor's Button (Centaurea Cyanus).
Brachycome (Swan River Daisy).
Calendula Officialis (Pot Marigold) — Double Orange King and double mixed.
Candytuft—Many colors mixed.
Calliopsis (Coreopsis)—Dwarf mixed.
Carnation—Mixed.
Castor Bean.
Cockscomb (Celosia)—Dwarf mixed and tall mixed.
Centaurea (Centaurea Candidissima or Dusty Miller)—Double Pink, Double Blue.
Coleus—Mixed colors.
Cosmos—Early Flowering, mixed.
Cosmos—Double or Crested Cosmos.
Chrysanthemums—Double mixed and single mixed.
Didiscus (Blue Lace Flower).
Dimorphotheca (Aurantiaca or Golden Star of the Veldt).
Eschscholtzia (California Poppy)—Crimson, Ballet Girl (Carmine and White).
Euphorbia (Snow on the Mountain or Mountain Spurge).
Four O'Clock—Marvel of Peru, mixed.
Godetia (Evening Primrose)—Double mixed.
Gypsophila.
Helianthus or Sunflower.
Helichrysum (Strawflower)—Golden Ball, yellow.
Helichrysum (Strawflower)—Special Mixture.
Helichrysum (Strawflower)—Salmon Queen.
Heliotrope—Mixed fine.
Ice Plant (Mesembryanthemum).
Job's Tears (Coix Lacrymae).
Larkspur (Annual Delphinium) — Lilac, Double mixed, Double Dark Blue, Double Bright Rose, Double Shell Pink, Double Carmine and Double Blue.
Linum (Scarlet Flax).
Lobelia—Deep Blue and Blue Marked with White.
Lupinus (A) Hartwegii, White.
Marigold—Dwarf Double French, Tall Double African, Tall Orange Prince, Lemon Ball, Light Yellow, Ball Shaped.
Matricaria (Feverfew)—Mixed.
Mexican Fire Bush.
Mignonette (Reseda Odorata)—Sweet Grandiflora, Large Flowering.
Mourning Bride (Scabiosa Atropurpurea)—Mixed.
Nasturtiums—Dwarf Salmon Rose.
Nasturtiums—Dwarf Yellow Spot Red.
Nasturtiums—Dwarf Deep Rose.
Nasturtiums—Dwarf Mixed.
Nasturtiums—Dwarf Scarlet Dark Leaved.
Nasturtiums—Dwarf Yellow Dark Leaved.

Mixed, Tall or Dwarf

Pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.

Nicotiana (Sweet).
Pansies (Giant Mixed).
Petunias (Single Mixed).
Phlox Drummondii (Drummondii Mixed, Large Flowering)—Deep Rose, Pale Yellow, Blue Striped, White.
Pinks (Dianthus)—Double mixed.

Poppies (Shirley) (A)—Single Blossom White, Pink, Apricot and shades of Red and Scarlet.
Peony Flowered—Various colors.
Tulip (Glaucum).
Hunnemannia or Santa Barbara Poppy.
Double Fringed Carnation, mixed.
Portulaca (Moss Rose or Sun Plant)—Single mixed and double mixed.
Pyrethrum (Golden Feather).
Salpiglossis.
Salvia.
Schizanthus—Mixed.
Statice—Choice Mixed.
Stocks—Improved Giant Mixed.
Stocks—Lavender Scented.
Sweet Sultan (Centaurea Moschata)—Centaurea Mixed.
Ten Weeks Stocks (Cut and Come Again) Cheiranthus Matthiala).
Sunflower Seed (Chrysanthemum Double Flowering).
Sunflower Seed—Mammoth Russian.
Thunbergia (Black Eyed Susan)—Mixed colors.
Verbenas—Mammoth Pink, Mammoth Blue, Mammoth Purple or Mixed.
Zinnias—Giant Orange, Giant Flowered Burnt Orange, Giant Flowered Crimson, Giant Flowered Red.
Zinnias—California Giants, mixed.
Wild Flower Garden—All colors mixed.

Perennials

Agrostemma Coronaria (Rose Campion), mixed.
Bellis Perennis (Double Daisy), mixed.
Columbine (Aquilegia Coerulea)—Petals deep blue and white.
Campanula (Canterbury Bells).
Coreopsis (Lanceolata).
Delphinium (Perennial Larkspur).
Dianthus Plumarius.
Dahlia—Double mixed.
Feverfew (Matricaria Capensis).
Foxglove (Digitalis)—Double mixed.
Forget-Me-Not (Myosotis Alpestris).
Hollyhocks—Double mixed.
Ice Land Poppy.
Gaillardia (Blanket Flower)—Lorenziana Double Perfection, mixed.
Geranium—Zonale varieties.
Gypsophila (Baby's Breath)—Paniculata.
Oriental Poppy (Papaver Orinetae).
Perennial Phlox.
Shasta Daisy.
Sweet William (Dianthus Barbatus).
Tritoma (Red Hot Poker).
Violet.
Wallflower—Double.
Wallflower—Single.

Vines From Seeds

Australian Pea Vine, Pkt., 10c; oz., 50c.
Balloon Vine (Love in a Puff) (A).
Beans (Scarlet Runners) (A)—Pkt., 5c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c.
Bean Hyacinth (Dolichos) (A).
Boston or Japanese Ivy (Ampelopsis Veitchii) (P).
Canary Bird Vine (P).
Cardinal Climber (A).
Cypress Vine (Impomoba Quamoclit) (A)—Mixed.
Cocoea Scandens (A)—Mixed.
Japanese Kudzu Vine (A).
Gourds, Ornamental Mixed (A).
Nest Egg (A).
Wild Cucumber—Pkt., 10c; oz., 20c; ¼ lb., 60c.
Japanese Hop (Humulus) (A).
Morning Glories—Mixed varieties.

Flower Seeds Price List---Continued

X-L Sweet Peas

Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$2.00, postpaid.

EARLY FLOWERING SPENCERS

Early Harmony, lavender.
Perfection, deep pink.
Early Blue Bird, clear blue.
Glitters, fiery cerise.

STANDARD GIANT SPENCERS

Pkt., 10c; oz., 30c; 1/4 lb., 90c, postpaid.
Austin Frederick, lavender.
Avalanche, white.
Blue Bird, deep rich blue.
Dobies Cream, deep primrose.
Elfrida Pearson, light shell pink.
Huntsman, bright scarlet.
King Edward.
Mary Pickford, cream pink with a soft suffusion of salmon.
Miss California, salmon pink.
Nubian, pure chocolate.
Youth, white with pink picotee.

GRAHAM & ROSS SPECIAL COLLECTION OF SPENCERS—One regular packet of each of the above eleven varieties, if purchased separately would cost you \$1.10, postpaid, 75c.

"X-L" EARLY FLOWERING SPENCER MIXED—Pkt., 10c; 1/2 oz., 25c; oz., 45c; 1/4 lb., \$1.35, postpaid.

SPENCER MIXED—Pkt., 10c; oz., 20c; 1/4 lb., 55c; 1/2 lb., 90c.

GRAHAM & ROSS GIANT SPENCER MIXED—Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.25; 1 lb., \$2.25, postpaid.

Graham & Ross Lawn Seeds

	1 lb. Prepaid	5 lbs. Not Prepaid
"X-L" Special Lawn Mixture.....	\$0.50	\$2.00
"X-L" Shady Lawn Mixture.....	.75	3.25
Fancy Blue Grass.....	.45	2.00
"X-L" White Dutch Clover.....	.65	2.75
Creeping Bent	1.75	7.50

FLOWER PLANTS

Perennials

(See Flower Seed Section for description.)

Postpaid prices on the following varieties:

3-inch pot.....	\$0.30
4-inch pot.....	.45
2-year clumps.....	1.00
3-year clumps.....	1.50

Achillea.
Anchusa (Italica Dropmore).
Aquilegia (Columbine).
Asters
Campanula (Canterbury Bell).
Cerastium (Snow in Summer).
Coreopsis (Golden Sunbeams).
Delphinium (Perennial Larkspur).
Dianthus (Pinks).
Digitalis (Foxgloves).
Forget-Me-Not (Myosotis).
Gaillardia (Blanket Flower).
Golden Glow.
Gypsophila (Baby's Breath).
Hesperis Matronalis (Sweet Rocket-Evening Scented Stock).

Hibiscus.
Hollyhock.
Iris.
Oriental Poppies.
Phlox, following colors:

Light Salmon
Salmon Pink
Carmine Pink
Best White
Deep Red
Mixed

Physalis (Franchett) (Chinese Lantern Plant).
Pyrethrum.
Ragged Robin.
Shasta Daisy.
Bleeding Heart, plants. Each, 75c; 2- year clumps, \$2.00.
Lily of the Valley. Each, 10c; per dozen, \$1.00.
Tiger Lily, bulbs. Each, 30c; per dozen, \$3.00.

Annuals

Prices—2-inch pot, 75c per doz.; 3-inch pot, \$1.25 per doz.

We can furnish the following annual flowers in potted plants ready to set out. You are assured early blooms of the most striking colors. Asters, Snapdragons, Calendula, Dianthus or Pinks, Sultana, Lobelia, Forget-Me-Nots, Marigolds, Petunias, Salvia, Verbena and Zinnias.

NOTICE—We can furnish Asters and Zinnias in ten distinct colors. In ordering specify colors you desire.

Pansies

GRAHAM & ROSS GIANT MIXTURE. Per doz., 50c; postpaid, 75c.

GRAHAM & ROSS IMPROVED SWISS GIANT. Per doz., 75c; postpaid, \$1.10.

This new strain is without doubt the largest pansy grown.

Potted Plants

... vigorous
blooming!



Fine flowers!

Only 1 teaspoon of this complete, balanced plant food—in water or soil—to have healthier, full-leaved plants, beautiful flowers! Clean, odorless! Full directions on package; 12-oz. pkg. 10c.

A Swift & Company Product

VIGORO

Complete plant food

Size	Price	Postpaid
Trial package	\$0.10	\$0.18
5 lbs. ....	.60	.78
25 lbs.	2.00	2.45
50 lbs.	3.75	
100 lbs.	6.00	

FIELD SEED PRICE LIST

	100 lbs.	50 lbs.	25 lbs.		100 lbs.	50 lbs.	25 lbs.
Alfalfa—				Barley—			
“X-L” Super Grade	\$18.50	\$ 9.40	\$4.80	Trebi	\$ 2.00		
“X-L”	17.75	9.00	4.65	Hanchenn	2.00		
Common	15.50	7.50	4.10	Horn	2.00		
Grimm, “X-L” Affidavit.....	22.00	11.15	5.70	White Hulless (write for prices)			
Grimm, “X-L” Registered....	27.00			Blue Hulless	1.50		
Registered Sizes in Sealed				Beans—			
Bags: 10, \$3.00; 20, \$5.75;				Great Northern	5.00	\$ 2.65	\$1.45
50, \$13.75.				Millet—			
Sweet Clover—				Early Fortune	3.75	2.00	1.10
“X-L” White	8.00	4.15	2.20	German	4.25	2.25	1.25
Common White	7.00	3.65	2.00	Siberian	4.25	2.25	1.25
“X-L” Yellow	9.00	4.65	2.45	Hog	3.75	2.00	1.10
Common Yellow	8.50	4.40	2.35	Oats—			
Alsike—				Swedish Select	1.85		
“X-L”	20.00	10.15	5.20	Victory	2.00		
Red Clover—				Peas—			
Medium	20.00	10.15	5.20	Canadian Field	6.00	3.15	
Grasses—				Rye—			
Brome	15.00	7.75	4.00	Spring	2.50		
Kentucky Blue	25.00	12.65		Sunflower Seed	7.50		
English Rye, perennial.....	11.00	5.65	2.95			¹ / ₂	10
Meadow Fescue	10.50	5.40	2.85	Corn—		Bu.	Lbs.
Orchard Grass	15.00	7.65	3.95	Falconer	\$2.90	\$1.60	\$0.70
Red Top	15.50	7.90	4.10	Northwestern Dent	3.00	1.65	.75
Timothy	9.00	4.65	2.45	Yellow Gehu	3.00	1.65	.75
Western Rye or Slender Wheat				White Flint	3.00	1.65	.75
Grass	16.50	8.40	4.35	Yellow Fodder	2.75	1.45	.65
Sudan Grass	5.25	2.75	1.55	Flax—			
Huntley Mixture, 16 lbs. for \$3.20, or 20c per lb.				Reserve	2.75		
				Wheat—			
				Write for prices.			

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